

Raycraft, Susan M.
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Susan Raycraft
PO Box 165
Lockwood, Ca 93932

May 27, 2004

Mr. Tom Grim
DOE, NNSA L-293
7000 East Ave.
Livermore, CA 94550

Dear Mr. Grim:

Please consider this letter with my comments on the environmental and proliferation risks from proposed nuclear weapons development and new plutonium and tritium programs at the U.S. Department of Energy's (DOE) Lawrence Livermore National Laboratory (LLNL).

1/02.01

I write to you because the DOE has prepared a draft Site Wide Environmental Impact Statement (SWEIS) that proposes to ramp up nuclear weapons activities at the Livermore Lab in Northern California. Livermore Lab is working on the design of a new, high-yield nuclear bunker-buster, called the "Robust Nuclear Earth Penetrator," and I oppose its development. Additionally, I oppose the development of so-called "mini-nukes" and other new nuclear weapons concepts being researched at Livermore Lab.

Here are my comments on six dangerous new programs being proposed at Livermore Lab.

2/08.02

1. Storage of More Nuclear Materials: This plan will more than double the storage limit for plutonium at Livermore Lab from 1,540 pounds to 3,300 pounds. It would increase the radioactive tritium storage limit from 30 grams to 35 grams. I join California Peace Action and the Livermore-based Tri-Valley CAREs group in calling on DOE to de-inventory the plutonium and tritium stocks at Livermore Lab, not increase them. It is not in the interest of peace, nor of the safety of people living in the surrounding area to increase plutonium storage at Livermore Lab!

3/27.01,
33.01

2. Plutonium Atomic Vapor Laser Isotope Separation (AVLIS): This plan will revive a project that was canceled more than 10 years ago because it was dangerous and unnecessary. The project is Plutonium AVLIS. This is a

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3/27.01,
33.01
cont.

scheme to heat and vaporize plutonium and then shoot multiple laser beams through the hot vapor to separate out plutonium isotopes. To do this, Livermore Lab plans to increase the amount of plutonium that can be used at one time in any one room from 44 pounds to 132 pounds – a 3-fold increase. I join California Peace Action and the Livermore-based Tri-Valley CAREs in calling for cancellation of this project. How can the United States, while making war on other nations with the goal of eliminating “weapons of mass destruction” jump start the nuclear arms race? How can it turn the clock back, and walk away from its values?

4/26.01,
26.03

3. Dangerous New Experiments in the National Ignition Facility Mega-Laser: This plan will add plutonium, highly-enriched uranium and lithium hydride to experiments in the National Ignition Facility (NIF) mega-laser when it is completed at Livermore Lab. Using these materials in the NIF will increase its usefulness for nuclear weapons development. It will also make the NIF more hazardous to workers and the environment. I join California Peace Action and the Livermore-based Tri-Valley CAREs in calling for a close out of the NIF project and termination of plans to use plutonium and other new materials in it. I urge those in policy-making positions to consider these dangerous actions and not allow the dangerous reckless people running the most massive system of mass destruction ever seen on the planet to make matters worse by taking these actions at Livermore Lab!

5/37.01

4. New Technologies for Producing Plutonium Bomb Cores: This plan makes Livermore Lab the place to test new manufacturing technologies for producing plutonium pits for nuclear weapons. A pit is the softball-sized piece of plutonium that sits inside a modern nuclear weapon and triggers its thermonuclear explosion. DOE says these new technologies will then be used in a new bomb core factory, called the Modern Pit Facility (MPF). The Livermore Lab plutonium pit program will enable the MPF and production of 150 - 450 plutonium bomb cores annually, with the ability to run double shifts and produce 900 per year. This production capability would approximate the combined nuclear arsenals of France and China — each year. I join California Peace Action and the Livermore-based Tri-Valley CAREs in calling for termination of this technology development project. I urge you in your role to consider the entire matter from all perspectives to deny these new and dangerous directions at Livermore Lab.

6/39.01

5. Enhancing Readiness to Resume Full-Scale Nuclear Tests: This plan calls for Livermore Lab to develop diagnostics to "enhance" the nation's readiness to conduct full-scale underground nuclear tests at the Nevada Test Site. This is a dangerous step back to the days of unrestrained nuclear testing and I join with California Peace Action and Tri-Valley CAREs to oppose any move to "enhance" U.S. readiness to conduct full-scale tests. Nuclear testing is unnecessary and dangerous. Please do not restart

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6/39.01 cont.	it in the country that is better armed than any country ever in the history of the world already.
7/35.01	6. Mixing Bugs and Bombs: This plan mixes bugs and bombs at Livermore Lab. It calls for collocating an advanced bio-warfare agent research facility with nuclear weapons activities in a classified area at Livermore Lab. The DOE proposes genetic modification and aerosolization (spraying) with live anthrax, plague and other deadly pathogens on site at LLNL. This could weaken the international biological weapons treaty -- and it poses a risk to workers, the public and the environment here in the California. Interestingly, this program is listed as part of LLNL’s "no action alternative" as though it were an existing program -- even though it is not yet constructed, Tri-Valley CAREs has brought litigation against it, and a federal Judge has issued a "stay" prohibiting the importation of dangerous pathogens into the facility while the lawsuit moves forward. I join Tri-Valley CAREs in opposing the operation of a bio-warfare agent facility at Livermore Lab.
8/04.01	I believe the DOE plan to introduce new weapons programs into LLNL will promote a new arms race and escalate the nuclear danger. Further, the DOE proposal to double LLNL's plutonium storage limit to 3,300 pounds and triple the amount held "at risk" in any one room increases the environmental threat LLNL poses to the people of California. The SWEIS propels Livermore Lab in exactly the wrong direction.
9/07.01	Instead of proposing new weapons projects, DOE should enhance the peaceful, civilian scientific capabilities and mission at Livermore Lab by proposing new, unclassified programs in environmental cleanup, non-polluting and renewable energy, earth sciences, astrophysics, atmospheric physics and others. The alternative of a "green lab" in Livermore should be pursued instead of the dangerous nuclear weapons future proposed by the Site Wide Environmental Impact Statement.
10/04.01	Please, as the department with responsibility for the entire energy policy of the most powerful nation on earth, do not give in to the fear-sayers and loose sight of the larger picture. Alternative energy sources are being all but abandoned in the rush to fund the ones that have created such havoc in the world already. Nuclear war will be unavoidable if the US abandons its leadership and runs in fear into the past from which it so hopefully emerged with the end of the so-called “Cold War.” These dangerous steps threaten to intensify the likelihood of a true hot war in this century, and the government that spends all its rhetoric on how much better they are than the “evil” enemies should see these plans for what they are: reckless, short-sighted and contrary to all the democratic principles we say we stand for. If adopted, these new plans at Livermore Lab will show the world we pay only lip service to our

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10/04.01 cont.	responsibility to lead the world toward peace and freedom, and promote true democracy. Listen to the voices of your own people! Do not allow these dangerous, dramatic shifts in the heart of our most populous state, at the risk of the health and safety of its residents, and the peace and security of the entire world. Please consider this letter with my comments on the environmental and proliferation risks from proposed nuclear weapons development and new plutonium and tritium programs at the U.S. Department of Energy's (DOE) Lawrence Livermore National Laboratory (LLNL).
	Sincerely,
	Susan M. Raycraft

Reddy, Ajay
Page 1 of 1

	Dear Mr. Grim,
1/02.01	I am deeply concerned about the revival of nuclear weapons programs. Mutually assured destruction is one of the stupidest ideas ever. Watch Dr. Strangelove sometime. Also, I would request that you do not develop methods to spread anthrax within close to my house.
2/35.01	
	Thank you, Ajay Reddy

Reid, Heather
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	<p>Heather Reid P.O. Box 3224 Martinez, CA 94553 H-925-370-8013, W-925-279-3480 x103</p>
	May 3, 2004
	<p>Mr Tom Grim DOE, NNSA L-293 7000 East Ave. Livermore, CA 94550</p> <p>FAX: 925-422-1776</p>
	Dear Mr. Grim;
1/04.01	I recently became aware of a proposed plan to ramp up nuclear weapons activities and double the plutonium at Livermore Lab. I am very concerned about this proposal. This could weaken the international biological weapons treaty and it poses a risk to workers, the public and the environment here in the Bay Area.
2/27.01	Plutonium Atomic Vapor Laser Isotope Separation is a health risk and a nuclear proliferation nightmare. One microscopic particle of plutonium, if inhaled, can cause lung cancer or other diseases. It must be stopped!
3/26.01	The National Ignition Facility will increase the amount of airborne radioactivity emanating from Livermore Lab. I implore you to stop the National Ignition Facility and the dangerous and new experiments in it.
	Thank you for your consideration and immediate action against the above.
	Sincerely,
	<p><i>Heather Reid</i> Heather Reid</p>
	1

Reim, Nancy
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1/24.01

D.O.E. people: May 2004

There are already too many weapons, nuclear and otherwise. Livermore Lab has already done great harm through its development of weapons and its pollution of the environment, near and far. It will do a lot more if its present plans are enacted. The risks will greatly increase if the M.I.F. targets are made there, along with plutonium bomb cores, and much more plutonium is stored and used on site. If nuclear testing as well as biological weapons testing is carried out by the U.S. government at Livermore or elsewhere, it will encourage other nations to do the same and will provide targets for enemies. This is already happening. Heed the warnings of Einstein and Oppenheimer, the top nuclear scientists and bomb makers.

... they rush to shed innocent blood ... desolation and destruction are in their highways. The way of peace they do not know, and there is no justice in their paths. (Isaiah 59:7, 8 NRSV)

War is indiscriminate. It does not spare the innocent. Christians stand for the protection of human life.

www.mccc.org

4/20.01

Commonplace

Discover hidden corners with

whose lives ... those of many others - were ruined by their work. Today, countless people are dead or dying because of man-made radiation, starting with the mining of uranium and ending with the fine dust of depleted uranium which is blowing in the wind. Our waterways are polluted and so are the Fragsis, Russianis and Yugoslavis. Furthermore, the San Francisco Bay and San Joaquin delta communities are endangered by the shipping of nuclear materials to and from the labs. If there were a melt down near oil refineries it could be worse than a terrorist attack. The Livermore Lab should cease to be a weapons lab and become, where beneficial research and development is done. It is now a Golgotha, or rather a center for the production of Golgotha's world-wide. Do as Jesus said "Choose life". Nancy Reim

2/02.01

3/35.01

4/20.01 cont.

5/07.01

Note: News Articles attached with this submittal are included in the Administrative Record.

Rendon, Mark
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-----Original Message-----

From: Mark Rendon [mailto:mrendon28@hotmail.com]
Sent: Wednesday, April 28, 2004 11:53 AM
To: tom.grim@oak.doe.gov
Subject: Livermore Lab

Dear Mr. Grim,

1/04.01 | My name is Mark Rendon. I'm writing to express my opposition to any expansion of nuclear development at Livermore Lab (LL). In fact, we have to transform the LL to a lab for renewable energy.

2/07.01 |

3/01.03 | Currently, the US has enough nuclear bombs to destroy the planet many times over! It's insane to ever use a nuclear bomb again. We have to make it personal: we'll all be dead if we use nuclear weapons!

4/26.01 | We have to dismantle all nuclear weapons immediately. Toward this effort, we have to shut down the National Ignition Facility now. The government cancelled the Atomic Vapor Laser Isotope Separation project years ago: don't start that program again!

5/27.01 |

6/23.02 | The LL puts the LL workers at risk of cancer. We're wasting billions of dollars on useless bombs when we need that money for healthcare, education, and other social services. We have to put our tax dollars for creative projects not destruction.

7/03.01 |

Thank you for your attention to my letter.

Sincerely,

Mark Rendon

1338 Hearst Ave.

Berkeley, CA 94702

Rentz, Tanya
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Reynolds, Joan
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Draft Site-wide Environmental Impact Statement
for Continued Operation of Lawrence Livermore
National Laboratory and Supplemental Stockpile
Stewardship and Management Programmatic
Environmental Impact Statement
U.S. Department of Energy
National Nuclear Security Administration



Written Comment Form

Must be received on or before May 27, 2004.

1/07.01 Dear Mr. Grim,
I urge you to change the Lawrence
Livermore Laboratory to civilian research.
Please vote for life!

2/23.01 Contamination of water and soil serves neither
your family, nor mine, nor that of the inhabitants of
Livermore, nor of the surrounding area.
The ground and water in Livermore already
needs to be cleaned up.

3/23.02 Plutonium & tritium ~~are~~ have been proven to
contribute to, if not cause, cancer — melanoma and
brain tumors levels in children in Livermore are
higher than in other areas. For life!

Tanya Rentz
10177 W. Olympia Dr.
Gross Valley, CA 95945
530-477-0683

Please use other side if more space is needed.

Comment forms may be mailed to:
Mr. Tom Grim
Document Manager
National Nuclear Security Administration
Livermore Site Office, L-293
7000 East Avenue
Livermore, CA 94550-9234

Comment forms may be faxed to:
Mr. Tom Grim
(925) 422-1776

-----Original Message-----

From: JoanMReynolds@webtv.net [mailto:JoanMReynolds@webtv.net]

Sent: Wednesday, April 14, 2004 2:16 PM

To: tom.grim@oak.doe.gov

Subject: Nuclear Wasteland

1/02.01

Stop Livermore Lab's development of new and exotic nuclear weapons. Do
not allow underground Nuclear Tests. Nuclear weapons can only destroy
the complete planet, EARTH, no profit is gained on a DEAD PLANET. Joan
Reynolds 43 Clipper Lane, Port Ludlow, WA 98365

Rich Buckley Realty, Rich Buckley
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From the desk of: Rich Buckley
www.BuckleyRealty.com

Rich Buckley Realty
 Office: 925-443-1122
 Cell: 925-216-4378
 Fax: 925-215-2058
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May 27, 2004

Mr. Tom Grim
 DOE, NNSA, L-293
 7000 East Avenue
 Livermore, CA 94550

Re: LLNL operations report

Tom,

1/04.01 | You'll never hear about support that goes in on these cards so here's one vote for you.

Sincerely,
RICH BUCKLEY REALTY

[Signature]
 Rich Buckley
 CC: Rep Tauscher
 CC: Sen Feinstein
 CC: Sen Boxer

Rich Buckley Realty
 411 So. L St.
 Livermore, CA 94550

Rich Buckley Realty, Rich Buckley
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23¢ stamp

To:
 Sen. Dianne Feinstein
 331 Senate Hart
 Washington, DC 20510

23¢ stamp

To:
 Sen. Barbara Boxer
 112 Senate Hart
 Washington, DC 20510

23¢ stamp

To:
 Rep. Ellen O. Tauscher
 1034 Longworth
 Washington, D.C. 20515

23¢ stamp

To:
 Mr. Tom Grim
 DOE, NNSA, L-293
 7000 East Avenue
 Livermore, CA 94550

Dear Senator Feinstein:

The Dept. of Energy released a draft Site-Wide Environmental Impact Statement on Livermore Lab operations over the next ten years. The SWEIS calls for major increases in nuclear weapons design and manufacture. New plutonium activities include raising the inventory from 1,540 pounds to 3,300 pounds; tripling the amount "at risk" at one time; creating prototype bomb cores for a new "Modern Pit Facility" functioning plutonium in the NIF mega-laser and, exporting plutonium on-site to separate isotopes. The SWEIS also reveals plans to increase the "at risk" limit for radioactive titanium (0.5-fold) and plutonium (10-fold).

I ask you to go on record opposing these actions in the SWEIS that will increase nuclear proliferation and damage our environment.

Signed: *[Signature]*
 Address: 411 So. L St. Livermore

Dear Senator Boxer:

The Dept. of Energy released a draft Site-Wide Environmental Impact Statement on Livermore Lab operations over the next ten years. The SWEIS calls for major increases in nuclear weapons design and manufacture. New plutonium activities include raising the inventory from 1,540 pounds to 3,300 pounds; tripling the amount "at risk" at one time; creating prototype bomb cores for a new "Modern Pit Facility" functioning plutonium in the NIF mega-laser and, exporting plutonium on-site to separate isotopes. The SWEIS also reveals plans to increase the "at risk" limit for radioactive titanium (0.5-fold) and plutonium (10-fold).

I ask you to go on record opposing these actions in the SWEIS that will increase nuclear proliferation and damage our environment.

Signed: *[Signature]*
 Address: 411 So. L St. Livermore

Dear Rep. Tauscher:

The Dept. of Energy released a draft Site-Wide Environmental Impact Statement on Livermore Lab operations over the next ten years. The SWEIS calls for major increases in nuclear weapons design and manufacture. New plutonium activities include raising the inventory from 1,540 pounds to 3,300 pounds; tripling the amount "at risk" at one time; creating prototype bomb cores for a new "Modern Pit Facility" functioning plutonium in the NIF mega-laser and, exporting plutonium on-site to separate isotopes. The SWEIS also reveals plans to increase the "at risk" limit for radioactive titanium (0.5-fold) and plutonium (10-fold).

I ask you to go on record opposing these actions in the SWEIS that will increase nuclear proliferation and damage our environment.

Signed: *[Signature]*
 Address: 411 So. L St. Livermore

Dear DOE:

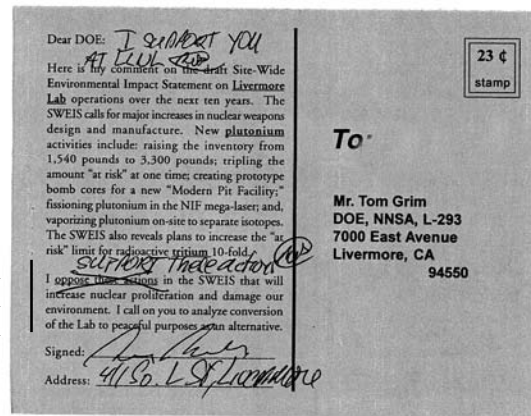
Here is a letter opposing the SWEIS. The SWEIS calls for major increases in nuclear weapons design and manufacture. New plutonium activities include raising the inventory from 1,540 pounds to 3,300 pounds; tripling the amount "at risk" at one time; creating prototype bomb cores for a new "Modern Pit Facility" functioning plutonium in the NIF mega-laser and, exporting plutonium on-site to separate isotopes. The SWEIS also reveals plans to increase the "at risk" limit for radioactive titanium (0.5-fold) and plutonium (10-fold).

I oppose these actions in the SWEIS that will increase nuclear proliferation and damage our environment. I call on you to analyze conversion of the Lab to peaceful purposes and alternatives.

Signed: *[Signature]*
 Address: 411 So. L St. Livermore

Rich Buckley Realty, Rich Buckley
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2/01.01
3/04.01
4/07.01



Ricker, Jr., T.G.
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